

Attorney Docket No.: 501049.20503 (20066.84)

3762

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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2074

In re Application of:

Shlomo Ben-Haim et al. :

Serial No.: 10/039,845 : Group Art Unit: 3762

Filed: October 23, 2001 : Confirmation No.: 1690

For: **ELECTRICAL MUSCLE CONTROLLER**

February 19, 2004

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In accordance with 37 C.F.R. § 1.98 forms PTO-1449 are enclosed. Copies of the documents cited are enclosed.

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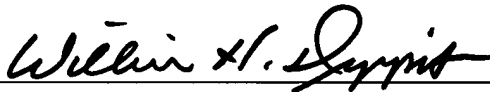
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Respectfully submitted

February 19, 2004



William H. Dippert
Registration No. 26,723

Reed Smith LLP
599 Lexington Avenue
29th Floor
New York, New York 10022-7650
Telephone: 212-521-5400
Facsimile: 212-521-5450



PTO/SB92 (08-00)

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Registration No. 26,723

Reed Smith LLP
599 Lexington Avenue
29th Floor
New York, New York 10022-7650
Tel: 212-521-5400; Fax: 212-521-5450

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Serial No: 10/039,845
Filing Date: October 23, 2001
For: ELECTRICAL MUSCLE CONTROLLER
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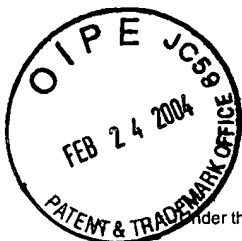
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STATEMENT BY APPLICANT**

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Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben-Haim
Art Unit	3762
Examiner Name	
Attorney Docket Number	501049.20503 (20066.84)

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		R, RANJAN & N.V. THAKOR (1995) Annals of Biomedical Engineering 23: pps 812-821 "Electrical Stimulation Of Cariac Myocytes"	
		N. NANNINI & K. HORCH (1991) IEEE Transactions on Biomedical Engineering 38: pps 769-776: "Muscle Recruitment With Intrafascicular Electrodes"	
		D.M. BERS (1991) "Excitation Contraction Coupling And Cardiac Contractile Force"; Chapter 2, pg 17, Kluwer Academic	
		S.B. KNISLEY et al. (19912) Circulation Research 70: pgs 707-715 "Effect Of Field Stimulation On Cellular Repolarization In Rabbit Myocardium"	
		S.M. DILLION (1991) Circulation Research 69: pps 842-856; "Optial Recordings In The Rabbit Heart Show That Defibrillation Strength Shocks Prolong The Duration Of ..."	
		J. FLEISCHHAUER et al. (1995) Circulation 92: pps 587-594; "Electrical Resistances Of Interstitial And Microvascular Space As Determinants Of The Extracellular Electrical..."	
		A. TANIGUCHI et al.; Am. J. Physiol. pg 267: H694-H705; "Inhomogeneity Of Cellular Activation Time And Vmax In Normal Myocardial Tissue Under Electrical Field..."	
		R. LUBART et al. (1992) J. Photochemical Photobiology B 14; pps 337-341 "Effect Of Light On Calcium Transport In Bull Sperm Cells"	
		V.A. LOGINOV (1992) Aviakosm Ekolog Med 26: pgs 49-51; "Accumulation Of Calcium Ions In Myocardial Sarcoplasmic Reticulum Of Restrained Rats Exposed To The ..."	
		J.L. SCHWARTZ et al. (1990) Bioelectromagnetics 11: pps 349-358; "Exposure Of Frog Hearts To CW Or Amplitude-Modified VHF Fields: Selective Efflux Of Calcium Ions..."	

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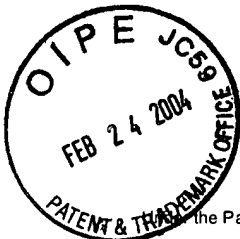
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		E. LINDSTROM et al. (1995) Bioelectromagnetics 16: pps 41-47; "intracellular Calcium Oscillations In A T-Cell Line After Exposure To Extremely-Low-Frequency Magnetic..."	
		V.A. LOGINOV et al. (1991) Kosm Biol Aviakosm Med 15: pps 51-53; "Effects Of An Impulse Electromagnetic Field On Calcium Ion Accumulation In The Sarcoplasmic..."	
		L.A. COULTON & A.T. BARKER (1993) Phys. Med. Biol. 38: pps 347-360; "Magnetic Fields And Intracellular Calcium; Effects On Lymphocytes Exposed To Conditons For..."	
		A. PUMIR et al. (1994) Proc. R. Soc. Lond. B. Biol. Sci. 257: pps 129-134; "Control of Rotating Waves In Cardiac Muscle: Analysis Of The Effect Of Electric Fields"	
		M. SBLOMONOW et al. (1983) Am. J. Physical Medicine 62: pps 71-82; "Control Of Muscle Contractile Force Through Indirect High-Frequency Stimulation"	
		J.D. BRONZINO (1995) "Biomedical Engineering Handbook", Chapter 82.5; pg 1288, "IEEE press/CRC press"	
		J.R. WINDLE et al. (1986) Am. J. Cardiol. 57: pps 381-386; "Subthreshold Conditioning Stimuli Prolong Human Ventricular Refractoriness"	
		M. FROMER & M. SHENASA (1992) J. Am. Coll. Cardiol. 20: pps 879-883; "Ultrarapid Subthreshold Stimulation For Termination Of Atrioventricular Node Reentrant Tachycardia"	
		B. SKALE et al. (1985) J. Am. Coll. Cardiol. 6: pps 133-140; "Inhibition Of Premature Ventricular Extrastimuli By Subthreshold Conditioning Stimuli"	
		M. YOKOYAMA (1976) Japanese HEart Journal 17: pps 315-325; "The Phase Of Supernormal Excitation In Relation To The Strength Of Subthreshold Stimuli"	

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